

Date: Monday, 2/19/2007 3:27:13 PM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : HANDLE WELDMENT
Job Number : 30776	
Estimate Number : 12035	
P.O. Number : N/A	Part Number : D33551
This Issue : 2/19/2007 S.O. No. : N/A	Drawing Number : D3355 REV. B
Prsht Rev. : NC	Project Number : N/A
First Issue : N/A Type : MACHINED PARTS	Drawing Revision : B
Previous Run : 30703	Material : N/A
Written By : <u>JA</u>	Due Date : 3/5/2007 Qty: 4 Um: Each
Checked & Approved By : <u>JA 07.02.19</u>	
Comment : est rev A 06.01.19 new issue - EC	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	M4130NR1250	4130N ROUND BAR
-----	-------------	-----------------



Comment: Qty.: 0.5250 f(s)/Unit Total : 2.1000 f(s)

AISI 4130N ROUND BAR 1.250"dia.

batch: M103433

DJP 07/03/24

2.0	BAND SAW	BAND SAW
-----	----------	----------



Comment: BAND SAW

Cut blank 6.10" long

DJP 07/03/24

3.0	LATHE CONV.	CONVENTIONAL LATHE
-----	-------------	--------------------



Comment: CONVENTIONAL LATHE

1-Turn as per Dwg D3355

DJP 07/03/24

4.0	MILLING CONV.	CONVENTIONAL MILLING MACHINE
-----	---------------	------------------------------



Comment: CONVENTIONAL MILLING MACHINE

1- Mill as per dwg D3355

2-Deburr as per dwg D3355

DJP 07/03/24

5.0	QC5	INSPECT WORK TO CURRENT STEP
-----	-----	------------------------------



Comment: INSPECT WORK TO CURRENT STEP

EP 07/03/24 x 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☐ No ☒ DQA: LD Date: 07/03/07
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 2/19/2007 3:27:13 PM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HANDLE WELDMENT

Job Number: 30776

Part Number: D33551

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: _____

FINAL INSPECTION/W/O RELEASE

7.0

QC21



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



Handwritten: 7/13/26 (4) SQ
Handwritten: 07/03/27 (4)
Handwritten: 07-03-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

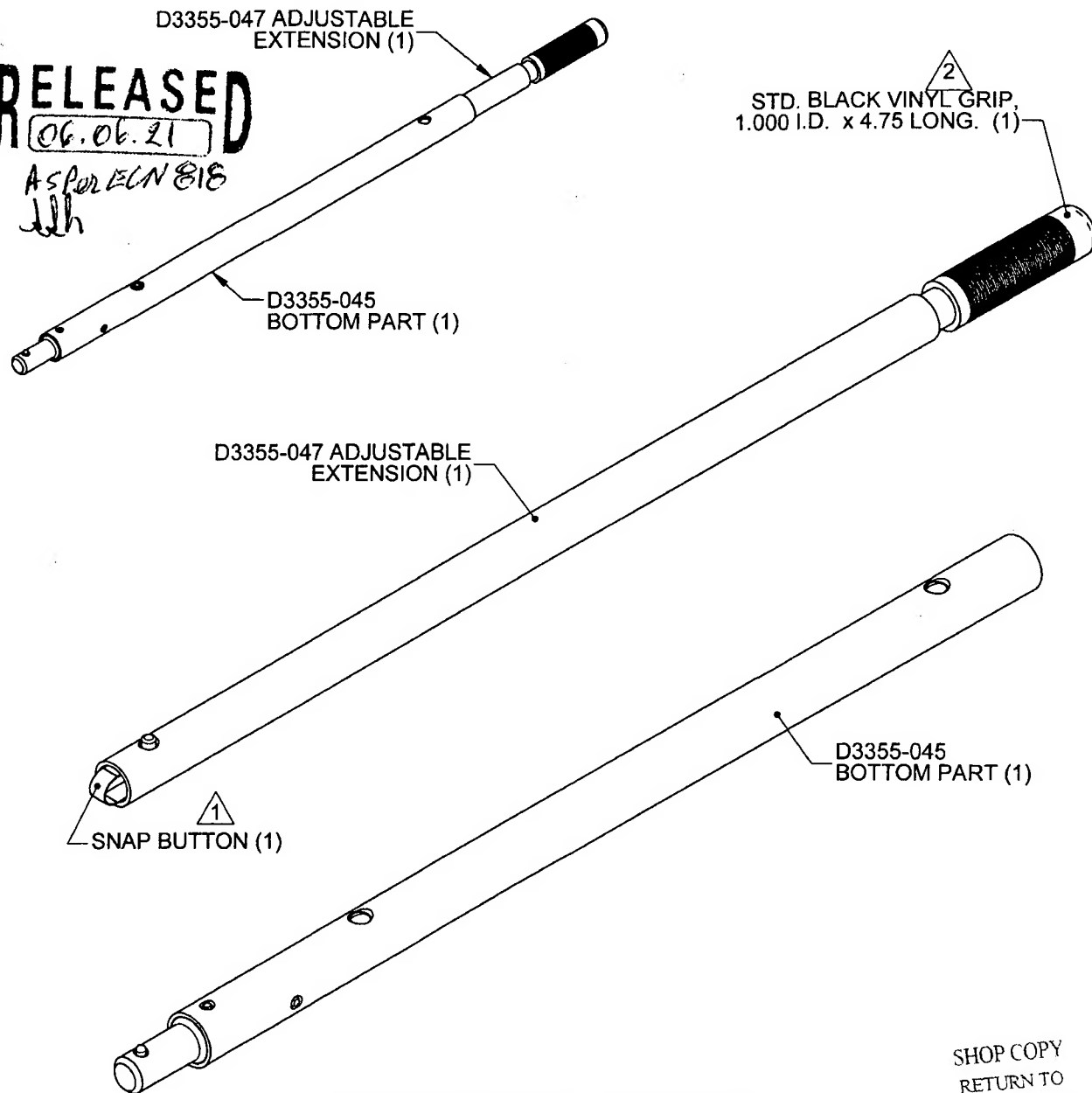


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DATE 06.05.31		TITLE HANDLE WELDMENT	SCALE 1:8
A	05.02.07	NEW ISSUE	
B	06.05.31	EDITED NOTE 1 (SHEET 2), UPDATE DETAIL B	

RELEASED
06.06.21

AS PER ECN 818

[Signature]



D3355-041 HANDLE ASSEMBLY

NOTES:

- 1) POSSIBLE SUPPLIER: REID TOOLS SUPPLY CO. P/N VA-2160
- 2) POSSIBLE SUPPLIER: REID TOOLS SUPPLY CO. P/N GP-1R

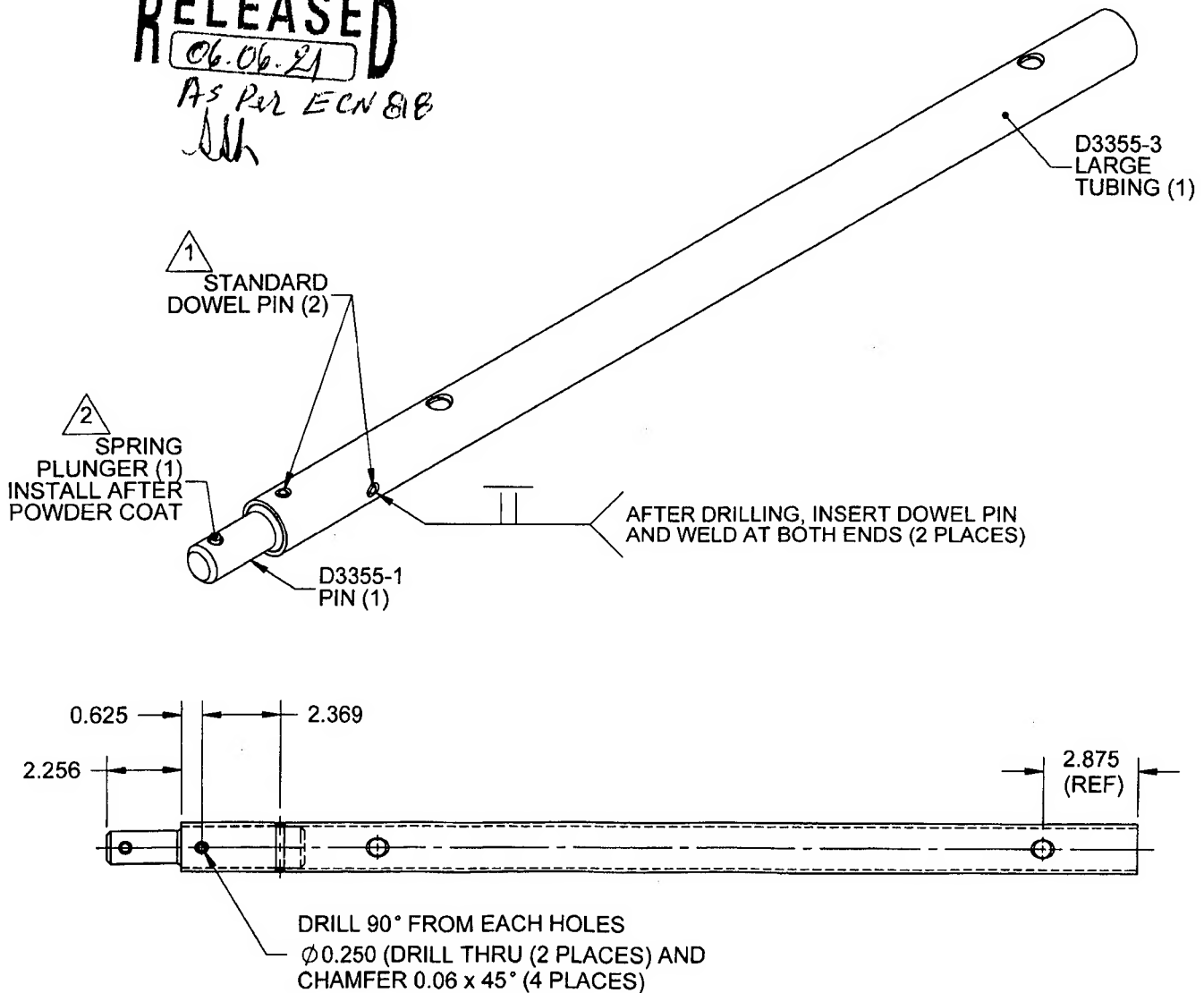
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DATE 06.05.31	TITLE HANDLE WELDMENT		SCALE 1:5

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[Signature]**D3355-045 BOTTOM PART****NOTES:**

- 1) STEEL STANDARD GROUND DOWEL PIN, $\varnothing 0.250 \times 1.50$ LONG
POSSIBLE SUPPLIER: SPAENAU, P/N 238-043
- 2) SPRING PLUNGER, POSSIBLE SUPPLIER: REID TOOLS SUPPLY CO. P/N VA-7130
- 3) WELD PER DART QSI 004
- 4) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005 4.5
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES
- 7) BREAK ALL SHARP EDGES 0.010 TO 0.020

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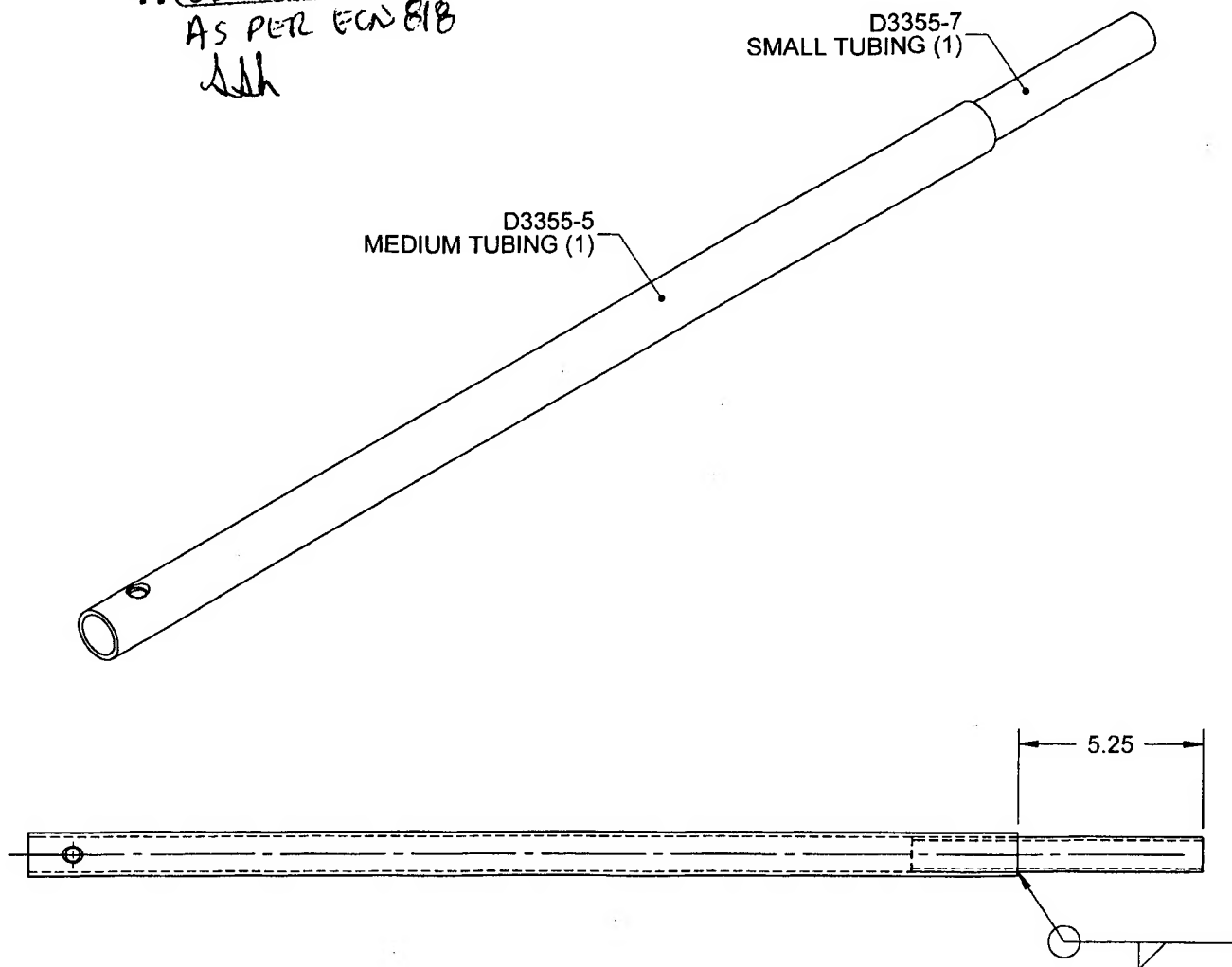
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[Signature]



D3355-047 ADJUSTABLE EXTENSION

NOTES:

- 1) WELD PER DART QSI 004
- 2) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005.4.5
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.010 TO 0.020

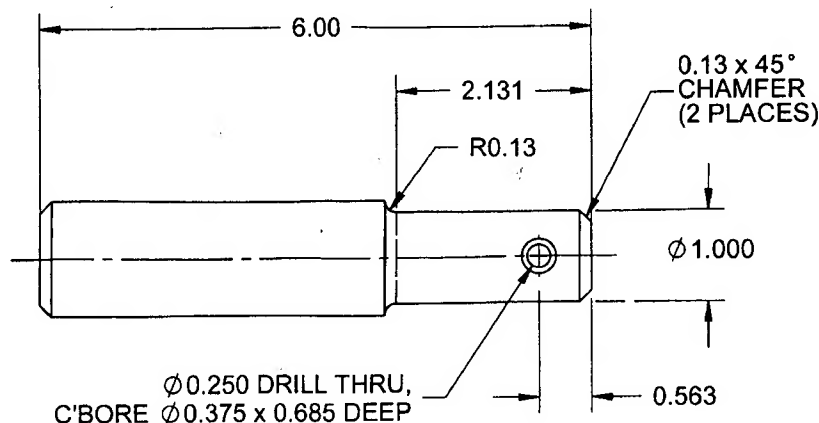
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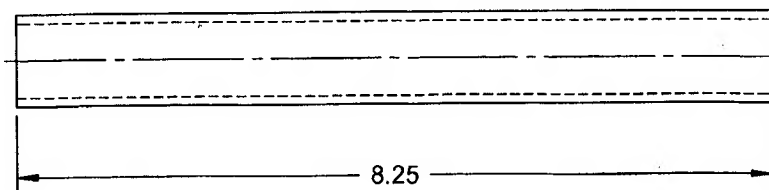
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DATE 06.05.31	TITLE HANDLE WELDMENT		SCALE 1:2

**RELEASED**
06.06.21
*AS PER ECN 818***D3355-1 PIN****D3355-1 NOTES:**

- 1) MATERIAL: AISI-4130/ AISI-4140 OR ASTM A304-02/ A-434-BC/ A193-03 - GRADE-B7/ A29-03/ A322-91 OR UNS#-G41400 ROUND BAR, (REF. DART SPEC. M4140H-R)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

**D3355-7 SMALL TUBING****D3355-7 NOTES:**

- 1) MATERIAL: AISI 1018-1025 MILD STEEL SEAMLESS ROUND TUBING (REF. DART SPEC. M1020TR1.000W.095)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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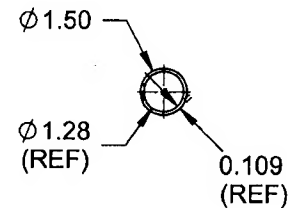
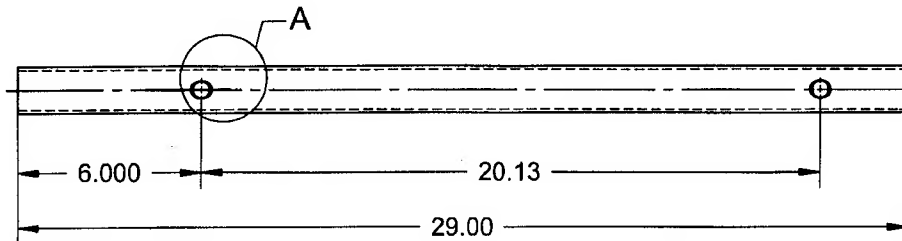
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DATE 06.05.31	TITLE HANDLE WELDMENT		SCALE 1:6

CHAMFER $\phi 0.687$ (11/16)
x 45°, 0.060 DEEP
(2 PLACES)

$\phi 0.531$ (17/32) DRILL
THRU (2 PLACES)

DETAIL A
SCALE 1:2



D3355-3 LARGE TUBING

NOTES:

- 1) MATERIAL: AISI 1018-1025 MILD STEEL SEAMLESS ROUND TUBING
(REF. DART SPEC. M1020TR1.500W.109)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.015 TO 0.030

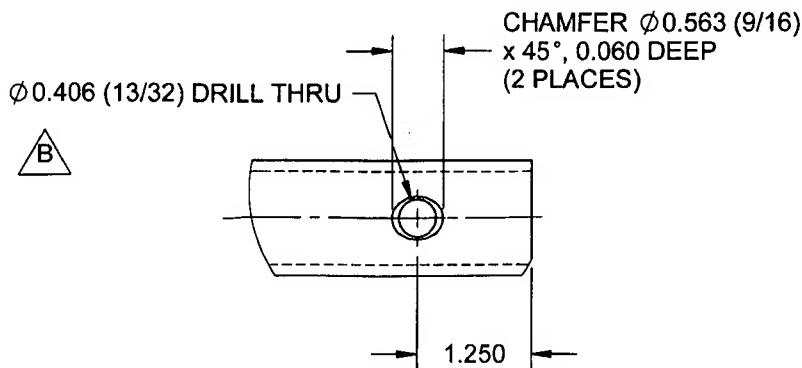
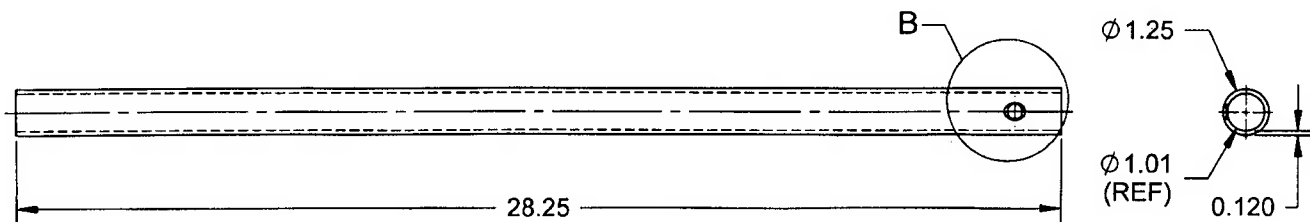
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*[06.06.21]**AS PER ECN 818*
[Signature]**DETAIL B**
SCALE 1 : 2**D3355-5 MEDIUM TUBING****NOTES:**

- 1) MATERIAL: AISI 1018-1025 MILD STEEL SEAMLESS ROUND TUBING
(REF. DART SPEC. M1018TR1.250W.120)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.015 TO 0.030

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